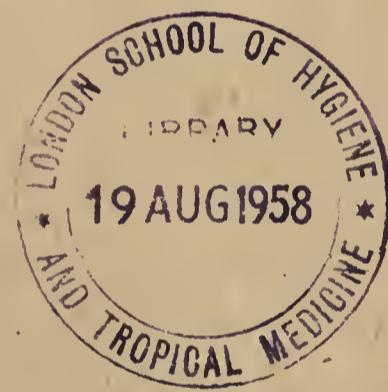


MINISTRY OF PUBLIC HEALTH

OPHTHALMIC SECTION

REPORT
FOR THE YEAR 1950



GOVERNMENT PRESS, CAIRO, 1953

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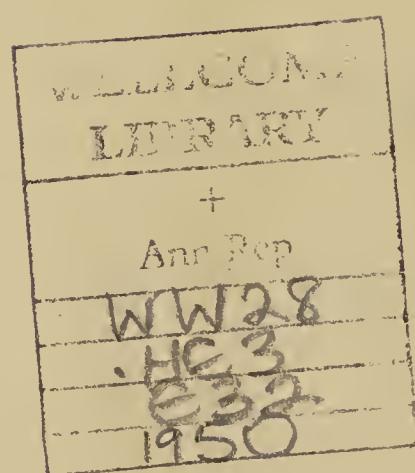
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Annual Report

Work done by The Ophthalmic Section during 1950

New Units :

(a) Hospitals : —

(b) Branches : Bihout. Itiay-El Barud. thus making the total number of units :

Permanent	91
Travelling	15
	106

Clinical Work :

The following table shows the clinical work done during 1950 compared with that done during 1949 :

	1949	1950
New patients	1,287,666	1,445,921
Out-patients	5,436,740	5,698,972
Number of out-patient visits ...	6,774,156	7,208,525
Operations	207,190	210,773
Ophthalmias	305,140	313,064

Blindness :

Number of cases of blindness including cataract cases is 41,289 (ratio percentage : 2.7) ; while the number of cases of blindness excluding cataract cases is 38,792 (ratio percentage : 2.5).

Other Services :

1.—Ophthalmologists pay regular visits to the following institutions and hospitals to examine and treat ophthalmic cases :

- (a) Leprosy Hospitals at Sioufia and Abu-Zaabat.
- (b) Mental Diseases Hospitals at Abbassia and Khanka.
- (c) Fever Hospitals at Abbassia and Imbaba.
- (d) Convalescent Hospital at Marg.
- (e) Children's Preventoriums at Giza & Marg.
- (f) Mataria Dispensary.
- (g) Chronic Disease Hospital at Helwan.

2. The ophthalmologists of the Section participate examining motor-car drivers at Abbassia and regional traffic offices.

They are also members at local medical commissions.

3.—During pilgrimage a medical mission including two ophthalmologists is sent to Higaz for the examination and treatment of pilgrims at Mecca and Medina.

4.—Ophthalmologists of other administrations are accepted to work at ophthalmic hospitals to enlarge their knowledge and enable them to keep pace with recent advances, and to perform different ophthalmic operations. The Section also provides the ophthalmic units in other ministries with surgeons who have been trained in hospitals of the Section.

5.—Assistant midwives and health visitors of the rural health centres are also trained in the various hospitals of the Section so as to be furnished with sufficient knowledge on the treatment and the aetiology of the prevalent eye conditions, especially the ophthalmias, and to teach the villagers the preliminaries of ocular hygiene and prophylaxis.

Post Graduate Course :

Every year the Section organises post graduate instructions for its new medical officers who study for the Diploma in Ophthalmic Medicine and Surgery at Foad I. University.

Nursing Staff :

The Section is going ahead with its policy of replacing male attendants with nurses, as much as the budget permits until nursing will be fully carried out by female nurses in all the ophthalmic units.

Accommodation :

The number of beds in all units is 2,309. The Ministry is endeavouring to increase in-patient accommodation.

Ophthalmic Library :

The Section has a circulating library which is kept provided with old and most recent books and monograms on ophthalmology. Surgeons are thus kept in touch with all recent advances in ophthalmology, their standard is consequently raised. This library is located at Rod-el-Farag Ophthalmic Hospital, and contains also many current journals on ophthalmology. Important books are furnished in extra copies so as to facilitate their circulation to the surgeons.

Apparatus and Instruments :

The Ministry takes special interest in providing ophthalmic units with modern instruments and appliances to enable them to keep pace with ophthalmic development.

Director Ophthalmic Section.

A. F. ABBASI

TABLE 1.—WORK DONE

1. IN-PATIENTS : TOTAL NUMBER ...		35,449	3. OUT-PATIENTS (continued) :	
Number of diets issued		568,476	IX.—Spectacles ordered	2,728
2.—OPERATIONS :			X.—Constant wash cases (number of days treatment)	1,714,115
I. Major :				
(a) Senile Cataract		2,577		
(b) Soft Cataract		320		
(c) Trichiasis or entropion ...		54,528		
(d) Other operations		15,664		
TOTAL		73,089		
II.—Minor (including mechanical treatment of trachoma)		137,684		
GRAND TOTAL, MAJOR AND MINOR OPERATIONS		210,773		
3. OUT-PATIENTS :				
I.—Incurable (1)		816		
II.—Postponed		62,816		
III.—Tickets issued, i.e. new cases		1,445,921		
IV.—Old cases		5,698,972		
V.—Visits made by patients to hospital for treatment... ...		7,208,525		
VI.—Average number of visits made to hospital by each patient under regular treatment... ...		4.9		
VII.—Discharges :				
(a) Cured		413,827		
(b) Relieved		301,450	TOTAL (equal tickets issued)...	1,445,921
(c) Incurable (2)		5,611		
(d) Spontaneously ceased to attend after having attended only once		127,011		
(e) Spontaneously ceased to attend after having attended more than once		191,577		
VIII.—Trichiasis cases seen among new out-patients :				
(a) No previous operation having been performed		53,643		
(b) Previous operation performed unsuccessfully (not at an Ophthalmic Hospital, but probably by some charlatan).		3,705		
XII.—Origin of patients :				
Patients from :				
(a) Town in which hospital is situated				744,018
(b) Markaz in which hospital is situated				520,327
(c) Other Markazes of same Mudiriyah				115,080
(d) Other Mudiriyas or Governorates				66,496
TOTAL (equal tickets issued)...				1,445,927

TABLE 2.—WORK DONE

Ametropia :		Eyelids :	
Hypermetropia	...	Pediculus ciliaris	...
Myopia	...	Trichiasis and entropion	...
Astigmatism	...	Distichiasis	...
Presbyopia	...	Ectropion	...
Conjunctiva :		Lagophthalmos	...
Conjunctivitis, Gonococcal	...	Blepharitis...	...
,,	Morax-Axenfeld	Hordeolum	...
,,	Koch-Weeks	Wart	...
,,	Pneumococcal	Chalazion	...
,,	Diphtheritic	Eczema	...
,,	Membranous	Rodent ulcer	...
,,	other organisms or negative and unclassified	Dermoid	...
Trachoma 1	...	Ptosis	...
,,	2 a	Erysipelas	...
,,	2 b'	Herpes	...
,,	2 b''	Chancere	...
,,	2 c	Epithelioma	...
,,	3 including post-trachomatous degeneration	Other tumours	...
,,	4 including post-trachomatous degeneration	Leucodermia	...
Phlyctenule	...	Injuries and abscesses	...
Pterygium	...	Lacrimal Apparatus :	
Pinguecula	...	Lacrimal fistula	...
Xerosis	...	Stonosis of the duct	...
Symblepharon	...	Dacryocystitis, acute	...
Dermoid	...	Dacryocystitis, chronic	...
Other conditions :		Cyst of lacrimal gland	...
Argyrosis	...	Lacrima :	
Colloid & hyaline degeneration	...	Ulcration, simple	...
Hypertrophied caruncle	...	,, hypopyon	...
Injuries (foreign bodies, burn, etc.).	1,812	,, perforation	...
Cyst	...	,, special forms	...
Fibroma	...	Pannus	...
	27		63,067

TABLE 2 (*continued*)—WORK DONE

Cornea (<i>continued</i>) :						
Keratitis, interstitial	633	Disseminated choroiditis				18
,, trachomatous	8,942	Choroido-retinitis				29
Nebula or Leucoma	322,664	Atrophy of choroid				144
Adherent Leucoma	37,295	Tumours				—
Totally opaque cornea	11,456	Albinismus				52
Staphyloma	6,882	Retina :				
Xerosis of Cornea	2,471	Retinitis, albuminuric & diabetic ...				15
Abscess of Cornea	141	,, syphilitic				10
Conical Cornea (congenital) ...	141	,, pigmentosa				28
Keratictasia	1,967	Detachment of retina				92
Injuries (burn, foreign bodies, etc.).	3,704	Embolism and thrombosis of retinal vessels				11
Limbus :		Glioma				3
Tumours	11	Other conditions				5
Dermoid	187	Night blindness (in which retinitis pigmentosa is absent) ...				447
Epithelioma	51	Optic Nerve :				
Iris :		Neuritis				41
Anterior Synechia	4,229	Atrophy (see table of causes of optic atrophy)				138
Posterior Synechia	4,178	Opaquenerve fibres				15
Inflammation	1,373	Other conditions				3
Iris bombe	66	Lens :				
Irido-dialysis	48	Cataract, senile				3,588
Congenital coloboma	34	,, soft				382
Aniridia	—	,, traumatic				144
Persistent pupillary membrane ...	48	,, lamellar				33
Iridodonesis	706	,, anterior polar ...				1,384
Various	100	,, posterior polar ...				99
Sclerotic :		,, dislocated, traumatic ...				107
Ciliary staphyloma	1,914	,, „ operative ...				23
Episcleritis	92	,, „ congenital ...				12
Injuries	78	Aphakia				1,548
Choroid :		Secondary cataract				603
Coloboma	61	Ectopia Lentis				5
Rupture	2					

TABLE 2. (*concluded*)—WORK DONE.

Vitreous :		Globe :	
Opacities	...	404	Shrunken globe...
Foreign bodies	...	14	Buphthalmos
			Exophthalmic goitre
Muscles :		Panophthalmitis	
Strabismus, alternating	...	1,833	Microphthalmos
„ convergent	...	18,273	Anophthalmos
„ divergent	...	14,197	Injury
Heterophoria		303	Orbit :
Nystagmus	...	2,156	Tumours
Paralysis	...	42	Cellulitis
Glaucoma :		Tenonitis	
Primary, acute	...	356	Periostitis
„ sub-acute	...	1,144	Injuries
„ chronic	...	3,526	Cyst, frontal
Secondary	...	6,801	Cyst, ethmoidal
			Contracted socket
			Fly-blown

TABLE 3.—CAUSES OF OPTIC ATROPHY

OPTIC ATROPHY :			
<i>A.—(1) Primary :</i>			
The spinal diseases causing the condition are :			
G.P. 1	2	(b) Acute fevers (including syphilis & rheumatism)	27
Tabes	9	(c) Intoxications (alcohol, lead).	2
Disseminated sclerosis	—	(d) Nervous diseases (disseminated sclerosis, chronic retro-bulbar neuritis may be caused by tobacco, alcohol, diabetes iodoform, opium) etc.	1
Lateral sclerosis	—		
Spastic paraplegia	—		
Lebers hereditary optic atrophy	—		
Congenital optic atrophy	1		
Unknown	28		
It may also be caused by :—			
Arterio-sclerosis	6		
(2) Compression of the optic chiasma	1		
(3) Retro-bulbar Neuritis :			
The acute form causes atrophy of the optic nerve primary in type, not infrequently :			
(a) Sepsis (dental, periostitis middle ear' accessory sinuses) ...	9		
		TOTAL : (equal Atrophy) ...	138

TABLE 4.—LIST OF OPERATIONS

<i>Eyelids :</i>			
For trichiasis & entropion :			
Snellen's	... ... ... ...	49,961	Foreign body removed (minor) 2,901
Anagnostakis	... ... ...	20	Seamisch's section 106
Conthoplasty	... ... ...	1,288	Cautery 318
Snellen-Anagnostakis	... ...	32	Various 100
Grafting mucous membrane	...	2,886	
Electrolysis (minor)	... ...	2,382	<i>Iris :</i>
Excision of lash (minor)	... ...	1,939	Iridectomy for adherent leucoma 1,439
Other operations	... ... ...	341	„ visual 355
			„ for glaucoma ... 599
			„ preliminary for cataract 207
<i>For Ectropion :</i>			
Plastic	... ... ... ...	31	Cystoid cicatrix 13
Mac Callan's	... ... ...	—	Division of anterior synechia ... 9
Kenneth Scott's	... ... ...	2	Various 428
Kuhnt's	... ... ... ...	21	
Other operations	... ... ...	28	<i>Lacrimal Sac :</i>
For ptosis	... ... ... ...	26	Excision 3,449
For symblepharon	... ... ...	66	Various (minor) 643
For hordeolum and chalazion (minor)	... ... ... ...	5,215	
Cyst removed	... ... ...	246	<i>Lens :</i>
Wart excised (minor)	... ...	332	For senile cataract :
Restitching wounds (minor)	...	99	Extraction with iridectomy ... 2,223
Opening abscesses (minor)	... ...	1,318	„ after previous iridectomy 354
Various...	... ... ... ...	344	For membrane after extraction :
			Discussion 195
<i>Conjunctiva :</i>			
For trachoma :			
Expression or Mechanical Treatment (minor)	... ... ... ...	71,360	For soft cataract :
Combined excision of Heisrath...		1,601	Extraction 65
Post-trachomatous degeneration (minor)	... ... ... ...	48,999	Discussion 70
Other operations	{ minor ... major ...	1,280 232	Curette evacuation 255
Pterygium	... ... ... ...	4,275	Paracentesis 33
			For membrane after evacuation :—
			Discussion 1,112
			Capsulotomy 6

TABLE 4. (continued)—LIST OF OPERATIONS

TABLE 5.—NUMBER OF NEW PATIENTS TREATED AT ALL OPHTHALMIC HOSPITALS DURING 1950

Hospitals	Number	Hospitals	Number	Hospitals	Number
No. 1	3,3780	Kafr el-Sheikh ...	10,023	El Fashn	12,683
„ 2	4,477	Manshat Sabry ...	8,122	El Baliana	12,865
„ 3	26,972	El Khalifa	51,705	Qous	6,981
„ 4	6,279	Zefta	11,705	Shubrakhît	2,228
„ 5	13,280	Tahta	15,031	Ekhmim	10,457
„ 6	5,691	Manfalout	12,040	Naga-Hammadi ...	3,164
„ 7	39,801	Sennoures	14,435	Beba	11,842
„ 8	5,463	Abou Kebir	7,384	Kafr el-Dawar ...	9,770
„ 9	18,135	Damietta	12,278	Dishna	5,700
„ 10	7,732	Suez	28,740	El Badary	9,879
„ 11	8,689	Kom Hamada ...	5,837	Samannud	13,181
„ 12	6,928	Mallawi	14,149	Bani Mazar	11,898
„ 13	7,446	Mit Ghamr	11,162	Sahel Seleem	6,985
„ 14	5,138	El Fikria	18,639	Ismailia	15,608
„ 15	4,204	Asswan	11,010	Faraskur	6,596
Tanta	28,515	El Tieba	12,395	Minia el-Qamh ...	10,461
Assiut	15,152	Esna	9,520	Abou Teeg	7,931
El Mansoura	22,778	Desouk	10,975	El Ayat	7,709
Bani-Suef	28,918	Luxor	12,595	Dekerness	8,466
El Zagazig	15,289	Kafr el-Zayat ...	18,555	Aga	5,328
Damanhour	14,234	Fouwa	6,666	Tema	11,555
Shibin el-Kome ...	20,979	Ashmoun	10,534	Bulaq	29,437
Souhag	13,331	Menouf	14,642	El Bagour	2,142
El Minia	14,625	Tala	8,726	Sobk	4,047
El Fayum	16,659	Rosetta	7,121	Etsa	9,327
Banha	15,297	Faqous	9,045	Zawiet el-Naoura ...	2,085
Port Said	45,924	Girga	18,420	El Arish	1,247
Qena	17,384	El Delingat ...	4,527	Inshas	8,840
El Giza	60,856	El Saff	8,335	Qalioub	20,703
Maghagha	17,871	Edfo	5,943	Kom-Ombo	6,999
Rod el-Farag	78,183	Shirbin	8,678	El Mataâna	1,674
El Mataria	26,354	El Senbellawein ...	8,557	Bab el-Shaaria ...	25,352
El Santa	9,698	El Wasta	8,393	Etay el-Baroud ...	905
El Mahalla el-Kobra	12,166	Deirout	10,728	Bahoot	440
Edfina	4,703	Shebin el-Qanater ...	7,391		1,445,921
Samallout	17,979	Belbeis	8,160		

TABLE 6.—NUMBER OF OPERATIONS PERFORMED AT ALL OPHTHALMIC HOSPITALS
DURING 1950

Hospitals	Number	Hospitals	Number	Hospitals	Number
No. 1...	4,947	Kafr el-Sheikh	2,839	El Fashn	2,055
,, 2...	950	Manshat Sabry	1,218	El Baliana	2,646
,, 3...	2,324	El Khalifa	3,162	Qous	1,087
,, 4...	1,010	Zefta	1,899	Shubrakhît	773
,, 5...	2,140	Tahta	2,408	Ekhmim	2,107
,, 6...	1,403	Manfalout	1,440	Naga-Hammadi	1,275
,, 7...	1,511	Sennoures	3,077	Beba	2,483
,, 8...	721	Abu Kebir	1,316	Kafr el-Dawar	2,440
,, 9...	1,109	Damietta	2,194	Dishna	1,166
,, 10...	1,020	Suez	1,593	El Badary	1,334
,, 11...	1,763	Kom Hamada	1,133	Samannud	1,371
,, 12...	1,856	Mallawi	2,221	Bani Mazar	1,657
,, 13...	1,764	Mit Ghavr	3,585	Sahil Seleem	515
,, 14...	1,413	El Fikria	2,306	Ismailia	1,664
,, 15...	1,615	Asswan	1,078	Faraskour	1,203
Tanta	4,377	El Tieba	751	Minia el-Qamh	2,117
Assiout	3,512	Esna	2,017	Abou Teeg	2,026
El Mansoura	2,871	Desouk	2,011	El Ayat	1,214
Bani-Suef	4,312	Luxor	3,265	Dekerness	1,400
El-Zagazig	1,376	Kafr el-Zayat	2,114	Aga	1,045
Damanhour	3,310	Fouwa	993	Tema	3,355
Shebin el Kome	4,414	Ashmoun	2,386	Bulaq	3,216
Souhag	3,215	Mencuf	2,357	El Bagour	—
El Minia	1,634	Tala	2,750	Sobk	346
El-Fayum	2,421	Rosetta	281	Etsa	888
Banha	1,600	Faqous	6,581	Zawiet el Naoura	578
Port Said	3,086	Girga	5,123	El Arish	—
Qena	2,151	El Delingat	1,274	Jnshas	1,285
El Giza	7,414	El Saff	763	Qalioub	2,532
Maghagha	1,296	Edfo	434	Kom-Ombo	914
Rod el-Farag	5,896	Sherbin	1,185	El Mataâna	—
El Mataria	3,946	El Senbellawein	1,955	Bab el-Shaaria	2,891
El Santa	2,046	El Wasta	1,359	Etay el-Baroud	167
El Mahalla El Kobra	2,051	Dairout	1,455	Bahoot	96
Edfina	621	Shebin el-Qanater	2,090		
Samallout	1,968	Belbeis	2,043		210,773

TABLE 7.—NEW PATIENTS TREATED
ACCORDING TO THE AGE AT WHICH THEY
SOUGHT TREATMENT DURING 1950

Age	Numbers
Under one year	87,685
From 1 to 5 years	171,454
,, 6,, 10,,	87,133
,, 11,, 15,,	139,853
,, 16,, 20,,	121,039
,, 21,, 25,,	126,773
,, 26,, 30,,	125,072
,, 31,, 35,,	115,337
,, 36,, 40,,	133,363
,, 41,, 45,,	90,253
,, 46,, 50,,	73,665
,, 51,, 55,,	70,474
,, 56,, 60,,	43,334
,, 61,, 65,,	31,427
,, 66,, 70,,	19,042
Over 70 years	10,017
TOTAL	1,445,921

TABLE 8.—NEW PATIENTS TREATED PER MONTH

Month	Number
January	73,983
February	74,865
March	88,390
April	121,965
May	142,876
June	154,620
July	161,845
August	164,930
September	161,534
October	141,415
November	78,782
December	80,716
TOTAL	1,445,921

TABLE 9.—AVERAGE TEMPERATURE: THE AVERAGE TEMPERATURE WAS ARRIVED AT BY TAKING ONE PLACE IN LOWER EGYPT (GEMMEIZA), ONE PLACE IN CAIRO (GIZA) AND ONE PLACE IN UPPER EGYPT (ASSIUT) AND OBTAINING AN AVERAGE FIGURE FROM THE MEAN TEMPERATURE AT EACH PLACE ON EACH MONTH.

	Month	Gemmeiza	Giza	Assiut	Average
January	...	10.5	11.1	11	10.9
February	...	10.6	11.7	12.4	11.6
March	...	14.5	16	16.6	15.7
April	...	19.6	21.9	23	21.5
May	...	21.6	23.5	25.2	23.5
June	...	25	26.6	27.8	26.3
July	...	26.6	28	29	27.9
August	...	26.1	27	28.2	27.1
September	...	24.6	25.6	26.4	25.5
October	...	20.9	22.2	23.2	22.1
November	...	17.4	17.6	17.9	17.6
December	...	14.1	14.3	15.4	14.6

TABLE 10.—SYNOPSIS OF WORK AT ALL OPHTHALMIC HOSPITALS DURING 1950

		1949	1950
<i>Hospitals in existence:</i>			
Travelling	...	15	15
Permanent	...	87	91
New patients treated	...	1,287,666	1,445,921
Total attendance of out-patients	...	6,774,156	7,208,525
Operations performed	...	207,190	210,773
In-patients	...	34,185	35,449
<i>Details:</i>			
Patients examined	...	1,331,904	1,554,063
Patients regularly treated	...	1,117,584	5,698,972
Incurable cases	...	1,504	816
Blind in one eye	...	34,819	34,961
Blind both eyes	...	6,415	6,328
Trichiasis cases examined	...	56,571	57,649
Trichiasis eyes operated on and cured	...	53,281	54,528

TABLE 11.—CAUSES OF BLINDNESS

TABLE 12.—TOTAL PERCENTAGE OF BLINDNESS IN ONE OR BOTH EYES

Hospital	1949	1950	Hospital	1949	1950	Hospital	1949	1950
No. 1	2.47	2.4	Kafr el-Sheikh	4.67	4.6	Fashn	3.3	2.7
„ 2	2.94	2.6	Minshat Sabry	7.57	2.1	Baliana	2.1	3.0
„ 3	—	4.3	El Khalifa	4.9	3.2	Qous	3.0	4.3
„ 4	2.2	2.1	Zefta	3.87	3.7	Shoubakheet	3.4	3.0
„ 5	8.09	3.42	Tahta	4.9	2.6	Akhmim	2.9	2.7
„ 6	3.04	2.9	Manfalout	3.6	4.6	Naga-Hammadi	2.7	2.7
„ 7	3.6	3.7	Sinnures	2.6	2.4	Beba	4.9	4.9
„ 8	3.71	2.6	Abu-Kebir	2.85	0.7	Kafr el-Dawar	5.1	5.1
„ 9	—	0.13	Damietta	3.57	3.3	Dishna	2.5	4.6
„ 10	2.45	1.4	Suez	1.54	2.02	Badari	4.6	3.6
„ 11	2.1	3.9	Kom Hamada	8.5	6.7	Samannoud	1.3	1.3
„ 12	5.2	2.3	Mallawi	3.66	3.7	Bani Mazaar	2.1	1.4
„ 13	5.04	1.8	Mit Ghamr	1.84	1.8	Sahel Selim	1.8	2.9
„ 14	3.49	4.9	El-Fikriya	3.43	3.1	Ismailia	3.8	3.8
„ 15	6.52	2.2	Asswan	2.0	2.2	Fareskour	1.7	3.1
Tanta	2.47	2.5	Taïba	1.08	0.8	Minia el-Qamh	2.4	2.4
Assiut	2.53	3.0	Esna	4.6	3.2	Abou-Tig	4.5	5.0
Mansoura	2.22	2.5	Disouq	2.8	2.5	Ayat	1.1	2.9
Beni-Suef	3.2	2.7	Luxor	4.00	3.6	Dekernis	2.0	2.8
Zagazig	1.86	1.8	Kafr el-Zayat	3.66	3.2	Aga	2.3	2.5
Damanhour	5.28	4.4	Fuwa	3.2	2.5	Tema	3.1	2.9
Shebin el-Kom	3.08	3.1	Ashmoun	4.49	4.1	Boulaq	1.3	1.2
Souhag	3.73	3.3	Minouf	3.6	3.6	Bagour	3.7	4.2
Minia	1.23	1	Tala	6.02	3.9	Sobk el-Dahaak	6.2	0.3
Benha	2.65	2.02	Rosetta	1.9	2.05	Itsa	4.4	3.2
Port Said	1.66	1.2	Faqous	5.4	4.7	Zawyet-el-Naoura	—	—
Qena	1.72	1.6	Girga	3.76	3.8	El-Arish	—	—
Giza	2.74	2.7	Dilingat	4.6	4.2	Inshas	1.3	1.4
Maghagha	3.28	2.9	Saff	3.7	3.4	Qalyoub	1.1	0.8
Rod el-Farag	3.69	3.6	Edfou	5.1	2.3	Kom Ombo	4.1	4.4
Mataria	1.87	1.5	Sherbin	2.2	1.8	El Mataana	—	—
Fayoum	5.12	5.1	Sinbellawein	4.3	4.8	Bab el-Saaria	—	3.6
Santa	1.04	2.08	Wasta	2.8	2.7	Itay el-Barood	—	4.4
Mahalla el-Kobra	2.52	2.3	Dayrout	1.6	1.6	Bahoot	—	—
Edfina	1.2	1.6	Shebin-el-Qanater	3.6	3.6			
Samallout	3.8	3.8	Belbeis	5.2	4.4			

TABLE 13.—BLINDNESS AMONG OUT-PATIENTS SINCE 1909 TO 1950

Year	Total Number of Patients examined	One Eye including Cataract Cases		Both Eyes including Cataract Cases		One Eye and both Eyes including Cataract Cases		Both Eyes excluding Cataract Cases		One Eye and both Eyes excluding Cataract Cases	
		Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
1909...	22,373	2,116	9.4	1,385	6.1	3,501	15.9	—	—	—	—
1910...	65,506	3,438	9.5	2,010	7.8	4,447	17.4	—	—	—	—
1911...	31,274	3,196	10.2	2,811	8.9	6,007	19.2	—	—	—	—
1912...	43,668	4,110	9.4	2,824	6.4	6,939	15.2	—	—	—	—
1913...	62,233	5,361	8.6	3,878	6.2	9,238	14.8	—	—	—	—
1914...	75,398	6,420	8.0	3,591	4.8	10,016	13.2	—	—	—	—
1915...	71,930	5,637	7.8	2,992	4.2	8,629	12.0	—	—	—	—
1916...	94,447	7,042	7.4	3,504	3.7	10,546	11.2	—	—	—	—
1917...	100,410	9,285	9.3	4,611	4.6	12,996	13.9	—	—	—	—
1918...	90,668	8,969	9.9	4,261	4.7	13,230	14.6	—	—	—	—
1919...	83,577	8,537	10.2	4,278	5.1	12,815	15.3	—	—	—	—
1920...	108,113	9,833	9.1	5,154	4.7	14,987	13.8	—	—	—	—
1921...	127,223	10,566	8.3	5,053	3.9	15,619	12.2	—	—	—	—
1922...	147,492	12,524	8.0	4,858	3.3	17,374	11.8	—	—	—	—
1923...	174,004	14,394	8.3	5,146	2.9	19,540	11.2	—	—	—	—
1924...	206,342	46,535	8.0	5,716	2.4	22,251	10.8	—	—	—	—
1925...	246,771	19,422	7.9	6,137	2.5	25,559	10.4	—	—	—	—
1926...	283,602	21,979	7.7	6,702	2.6	28,681	10.1	—	—	—	—
1927...	261,577	26,591	7.4	8,689	2.4	35,280	9.8	—	—	—	—

TABLE 14.—YEARLY PERCENTAGE OF BLINDNESS AMONG OPHTHALMIC HOSPITALS, PATIENTS SINCE THE YEAR 1909 TO 1950

Year	Percentage of blindness in one or both eyes including cataract cases	Percentage of blindness in one or both eyes excluding cataract cases	Year	Percentage of blindness in one or both eyes including cataract cases	Percentage of blindness in one or both eyes excluding cataract cases
1909	15.6	—	1930	8.4	—
1910	17.4	—	1931	7.3	6.9
1911	19.2	—	1932	6.9	6.5
1912	15.2	—	1933	6.7	6.4
1913	14.8	—	1934	6.2	5.9
1914	13.2	—	1935	6.0	5.7
1915	12.0	—	1936	5.7	5.7
1916	11.2	—	1937	5.8	5.5
1917	13.9	—	1938	5.9	5.5
1918	14.6	—	1939	4.6	4.5
1919	15.3	—	1940	4.4	4.2
1920	13.8	—	1941	4.1	3.9
1921	12.2	—	1942	4.1	3.9
1922	11.8	—	1943	4.2	4.0
1923	11.2	—	1944	3.9	3.7
1924	10.8	—	1945	3.9	3.7
1925	10.4	—	1946	3.9	3.6
1926	10.1	—	1947	3.6	3.3
1927	9.8	—	1948	3.4	3.2
1928	9.3	—	1949	3.0	2.8
1929	8.4	—	1950	2.7	2.5

TABLE 15.—INCIDENCE OF PRIMARY GLAUCOMA DURING 1950

Varieties	1950
Acute	355
Sub-acute	1,144
Chronic	3,526
TOTAL	5,025
Total number of patients examined	1,554,063
Percent of glaucoma cases	0.36
Percent of absolute glaucoma cases	0.13
<i>Operations:</i>	
Iridectomy	599
Trephining with iridectomy	584
Including absolute monocular and binocular	1,957

TABLE 16.—INCIDENCE OF PRIMARY GLAUCOMA DURING 1938—1950.

VARIETIES	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
Acute	218	276	210	156	104	145	184	218	198	236	477	522	355
Sub-acute	769	882	1,320	528	1,653	792	967	1,251	1,187	1,127	1,234	1,259	1,144
Chronic	7,975	7,068	6,622	5,849	4,989	4,319	4,339	4,200	4,191	3,652	4,513	3,625	3,526
Total	8,962	8,226	7,852	7,533	6,746	5,256	5,490	5,669	5,576	5,015	6,224	5,406	5,025
Total number of patients examined	1,356,116	1,539,717	1,623,890	1,431,858	1,466,616	1,256,641	1,303,249	1,286,726	1,298,280	1,154,488	1,241,998	1,331,904	1,554,063
Percent of glaucoma cases of absolute glaucoma	0.66	0.53	0.48	0.52	0.45	0.42	0.44	0.42	0.43	0.43	0.35	0.4	0.36
Percent	0.29	0.26	0.23	0.25	0.22	0.19	0.11	0.17	0.18	0.18	0.2	0.16	0.13
<i>Operations:</i>													
Iridectomy	1,734	1,852	1,671	166	1,587	1,077	1,082	1,074	944	944	614	571	599
Trephining with iridectomy	1,451	1,522	1,512	1,382	1,289	1,100	1,144	1,029	922	922	659	756	584

TABLE 17.—TISSUES HARDENED. SECTIONS CUT AND EXAMINED MICROSCOPICALLY AT THE
MEMORIAL OPHTHALMIC LABORATORY, GIZA, DURING 1950.

Lids and eyebrow:		Lens:					
Inflammations	...	2	Degeneration	...	...	...	—
Tumours	} Benign, including cysts	32	Cataract	...	...	...	4
		24	Dislocation	...	...	...	—
Conjunctiva:		Choroid:					
Foreign body	...	—	Inflammation	...	...	...	—
Inflammations	...	6	Degeneration, including ossification				4
Bilharzia	...	—	Injury	...	...	...	—
Degeneration	...	21	Tumours, malignant	...	...	...	—
Tumours	} Benign, including cysts	43	Detachment	...	...	...	1
		2					
Limbus:		Vitreous:					
Inflammation	...	—	Other conditions	...	...	...	—
Tuberculosis	...	—					
Tumours	} Benign, including cysts	16	Retina and Optic Nerve:				
		10	Detachment	...	...	...	8
Cornea:		Inflammation					
Wounds	...	6	...	...	...	...	—
Inflammation, including ulceration	...	3	Degeneration	...	...	...	14
Degeneration	...	4	Tumours	} Benign	...	...	—
Staphyloma	...	7			...	...	—
Tumours	} Benign	—		} Malignant	...	...	6
		—			
Sclerotic:		Orbit:					
Wounds	...	1	Gumma	...	...	...	—
Inflammations	...	—	Inflammation	...	...	...	2
Tumours	} Benign	—	Tumours	} Benign, including cysts	...	...	3
		3			...	...	2
Iris and ciliary body:		Other animals (horses, mules and donkeys)					
Wounds	...	1	...	...	...	...	—
Inflammations	...	—	Smears from conjunctiva	...	...	...	579
Tumours	} Benign	—	Mantoux test	...	...	...	83
		3					
Lacrimal Glands:		Lacrimal Glands:					
Wounds	...	1	Degeneration	...	...	...	—
Inflammations	...	1	Inflammation	...	...	...	1
Degeneration	...	3	Tumours	} Benign, including cysts	...	...	3
Tumours	} Benign, including cysts	2			...	...	—
		—		} Malignant	...	...

TABLE 17 (contd.).—TISSUES HARDENED. SECTIONS CUT AND EXAMINED MICROSCOPICALLY AT THE MEMORIAL OPHTHALMIC LABORATORY GIZA, DURING 1950.

Lacrimal Sac Canaliculi :			Endogenous	...	...	...	...	...	—
Degeneration		—	Phthisis bulbi :						
Argyrosis		—	Causes undetermined		...	...	...	...	—
Inflammation		2	Trauma		...	...	...	...	1
Tumours		2	Inflammation		...	...	...	...	—
Glaucoma :			Port operative		...	...	...	...	1
Primary		2	Fly blown orbit		...	...	...	...	6
Secondary inflammation indo-cyc- litis		—	Unclassified		...	...	...	...	23
Anterior synechia or adh. leucoma		5	Undetermined		...	...	...	...	—
Luxation of lens		—	Examination of cells :						
Retina and choroid...		—	Eosinophilia	Positive	...	...	...	...	127
Infantile		—		Negative	...	...	...	...	92
Porophthalmitis and endophthal- mitis :			Special bacteriological examination (smears not included)		...	...	...	...	264
Endophthalmitis		2	Exam. of blood, urine and faeces		...	...	...	...	46
Exogenous		1	GRAND TOTAL		...	...	...	...	1,471

TABLE 18.—WASSERMAN TEST

Positive	...	...	...	...	...	...	287
Negative	...	...	...	...	...	...	4
Doubtful	...	...	...	...	...	...	1,939
Unfit	...	...	...	...	...	...	188
Anticomplementary	...	...	...	...	...	...	—
TOTAL		...	...	...	...	...	2,418

TABLE 19.—RESULT OF EXAMINATION OF
DIPHTHERIA SPECIMENS

Positive	...	...	...	...	...	...	7
Negative	...	...	...	...	...	...	—
Overgrown	...	...	...	...	...	...	—
Sterile	...	...	...	...	...	...	—
Unfit	...	...	...	...	...	...	—
TOTAL		...	...	...	...	...	7

TABLE 20.—NUMBER OF BEDS AT ALL OPHTHALMIC HOSPITALS DURING 1950.

Hospital	Number of Beds	Hospital	Number of Beds	Hospital	Number of Beds
No. 1...	32	Minshat Sabri ...	12	Qous ...	12
„ 2...	30	El Khalifa ...	16	Shubrakhit ...	12
„ 3...	21	Zefta ...	2	Akhmim ...	12
„ 4...	30	Tahta ...	30	Naga Hammadi ...	14
„ 5...	15	Manfalut ...	28	Beba ...	12
„ 6...	30	Sinnures ...	30	Kafr el Dawar ...	8
„ 7...	30	Abu-Kebir ...	30	Deshna ...	12
„ 8...	30	Damietta ...	35	Badari ...	10
„ 9...	30	Suez ...	25	Samannud ...	10
„ 10...	20	Kom Hamada ...	11	Bani Mazar ...	14
„ 11...	30	Mallawi ...	20	Sahel Selim ...	8
„ 12...	30	Mit Ghamr...	12	Ismailia ...	12
„ 13...	30	Fikriya ...	13	Faraskur ...	8
„ 14...	30	Aswan ...	25	Minia el Qamh...	8
„ 15...	30	Taiba ...	15	Abu Tig ...	12
Tanta ...	43	Esna ...	23	Ayyat ...	20
Assiut ...	55	Disuq ...	12	Dekernis ...	12
Mansura ...	78	Luxor ...	25	Aga ...	8
Beni-Suef ...	89	Kafr el Zayat ...	8	Tema ...	21
Zagazig ...	36	Fuwa ...	6	Bulaq ...	6
Damanhour ...	31	Ashmoun ...	12	Bagour ...	—
Shibin el Kom ...	27	Minuf ...	16	Sobk ...	—
Suhag ...	23	Tala ...	12	Itsa ...	11
Minia ...	25	Rosetta ...	12	Zawiet el Naoura ...	8
Fayoum ...	51	Faqus ...	12	Arish ...	—
Benha ...	81	Girga ...	12	Anshas ...	20
Port Said ...	56	Dilingat ...	12	Qalyub ...	24
Qena ...	31	Saff ...	12	Kom Ombo ...	6
Giza ...	68	Edfu ...	14	Mataana ...	—
Maghagha ...	17	Sherbin ...	12	Bab el Shaaria ...	6
Rod el Farag ...	149	Senbellawein ...	12	Etay el Baroad...	—
Mataria ...	24	Wasta ...	12	Bahoot ...	—
Santa ...	10	Deirut ...	12	3rd Class ...	2,299
Mahalla el Kobra ...	12	Shebin el Qanater ...	12	1st and 2nd Class	13
Edfina ...	40	Belbeis ...	12	TOTAL ...	2,309
Samallout ...	21	El Fashn ...	12		
Kafr el Sheikh...	30	Baliana ...	12		

TABLE 21.—COST OF UNIFORM DIETS FOR ALL IN-PATIENTS AT OPHTHALMIC HOSPITALS
DURING 1950, EXCLUDING COST OF RATIONS OF EMPLOYEES

Hospital	Number of Diets issued	Total Cost	Cost per day per Head	Hospital	Number of Diets issued	Total Cost	Cost per day per Head
No. 1...	8,850	855	68	Fayum	16,280	960	59
„ 2...	4,425	290	65	Benha	17,128	1,348	78
„ 3...	4,283	345	83	Port Said	14,598	1,148	78
„ 4...	3,729	332	88	Qena	6,348	349	55
„ 5...	4,347	287	66	Giza	23,265	1,582	68
„ 6...	3,784	350	66	Maghagha	4,438	302	68
„ 7...	5,317	271	51	Rod el Farag	44,163	3,281	71
„ 8...	3,579	260	72	Mataria	7,925	682	86
„ 9...	4,286	287	67	Santa	3,849	418	108
„ 10...	2,882	177	61	Mehalla el Kobra	3,146	490	155
„ 11...	3,418	215	63	Idfina	5,098	316	62
„ 12...	2,437	193	60	Samallut	7,135	396	55
„ 13...	6,405	386	60	Kafr el Sheikh	8,631	518	60
„ 14...	4,984	324	65	Minshat Sabry	3,974	218	55
„ 15...	1,404	81	58	Khalifa	5,699	370	65
Tanta	12,015	752	63	Zifta	690	45	66
Assiut	16,420	1,068	65	Tahta	9,030	470	52
Mansura	18,962	1,068	56	Manfalut	7,429	416	56
Beni Suef	25,110	1,812	72	Qaliub	6,585	598	61
Zagazig	9,550	625	65	Kom Ombo	1,825	109	60
Damanhur	10,208	530	52	Sinnoures	10,769	602	61
Shebin el Kom	8,457	524	62	Abu Kebir	3,243	803	247
Suhag	8,430	463	54	Tema	6,281	612	81
Minia	6,242	396	62	TOTAL	397,061	27,722	69

SCALE OF FULL DIET AS GIVEN TO ALL IN-PATIENTS AT ALL OPHTHALMIC HOSPITALS

	Gr.		Gr.
Bread	450	Milk	200
Beef	150	Butter	15
Vegetables	150	Sugar	30
Lentils	75	Salt	20
Rice	75		

TABLE 22.—ACTUAL EXPENDITURE:
(A) GENERAL ADMINISTRATION

	L.E.
Pensionable staff	8,219
Hors cadre staff	800
Transport, transfer and travelling allowance	193
Telephones	—
TOTAL	9,212

TABLE 23.—ACTUAL EXPENDITURE:
(B) GOVERNMENT OPHTHALMIC HOSPITALS

Chapter	Total actual Expenditure
Pensionable staff	65,724
Hors cadre staff	83,164
Transport, transfer and travelling allowance	1,477
Food	35,503
Forage...	—
Water	2,382
Light	1,012
Disposal of sewage	153
Fuel	1,781
Rent	180
Telegrams and Telephones	34
Stores :	
General Equipment	7,693
Surgical	2,188
Surgical Equipment	1,829
,, Instrument	5,906
Drugs	1,994
Dressings	632
Petty expenses	1,169
TOTAL	211,821

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